

## WHAT IS CLAIMED IS:

 $S_{p}^{1}$ 

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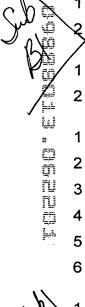
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A breakwater system for use in a body of water, said breakwater system comprising:

a curtain; and

means for attaching said curtain to underwater structure in said body of water.

- 2. The breakwater system of claim 1 wherein said curtain has two opposing ends and said means for attaching said curtain includes a looped section formed in said curtain at each one of said opposing ends.
- 3. The breakwater system of claim 2 wherein said looped sections are threaded into said curtain.
- 4. The breakwater system of claim 2 wherein said looped sections are formed by a hook-and-loop attachment.
- 5. The breakwater system of claim 1 wherein said means for attaching said curtain includes a first attachment sleeve attached to one end of said curtain and a second attachment sleeve attached to an opposite end of said curtain, said first attachment sleeve being slidingly mounted on a first part of said underwater structure, and said second attachment sleeve being slidingly mounted on a second part of said underwater structure.
- 6. The breakwater system of claim 5 wherein each attachment sleeve comprises a pair of brackets, each bracket having a central indented section and first and second flanges formed on respective sides of said central indented section.
- 7. The breakwater system of claim 6 wherein said brackets of each attachment sleeve are arranged so that corresponding indented sections enclose the corresponding part of said underwater structure and corresponding first flanges sandwich said curtain.





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 $S_0$   $\frac{1}{2}$ 

- 8. The breakwater system of claim 1 wherein said curtain is fabricated from a material having energy absorbing qualities.
- 9. The breakwater system of claim 1 further comprising at least one flotation device attached to said/curtain.
- 10. The breakwater system of claim 9 wherein said flotation device is attached along an upper edge of said curtain.
- 11. A breakwater system for use in a body of water having a floor, said breakwater system comprising:

first and second support members adapted to be positioned on said floor of said body of water; and

a curtain attached between said first and second support members, wherein said first and second support members allow said curtain to freely rise in response to a wave in said body of water.

- 12. The breakwater system of claim 11 wherein said first and second support members both include a bottom frame section and a top frame section pivotally connected to said bottom frame section.
- 13. The breakwater system of claim 12 wherein a portion of said screen is attached to each bottom frame section and another portion is attached to each top frame section.
- 14. The breakwater system of claim 11 wherein said first and second support members both include a bottom frame section and a top frame section mounted on said bottom frame section to slide longitudinally thereon.
- 15. The breakwater system claim 14 wherein said screen is attached entirely to each top frame section.



- 16. The breakwater system of claim 11 wherein said first and second support members both include a base plate and a frame assembly extending upwardly from said base plate.
- 17. The breakwater system of claim 16 wherein said first and second support members both further include one or more weights mounted on said base plate.
- 18. The breakwater system of claim 17 wherein said one or more weights are mounted over said frame assembly.
- 19. The breakwater system of claim 17 wherein said first and second support members both further include one or more additional weights mounted on said base plate.
- 20. The breakwater system of claim 16 wherein said first and second support members both further include a supplemental base plate located remote from said first-mentioned base plate and a connector element extending between said supplemental base plate and said frame assembly.
- 21. The breakwater system of claim 11 wherein said curtain is fabricated from a material having energy absorbing qualities.
- 22. The breakwater system of claim 11 further comprising at least one flotation device attached to said curtain.
- 23. The breakwater system of claim 22 wherein said flotation device is attached along an upper edge of said curtain.

